

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/749,734
Filing Date	12/30/2003
First Named Inventor	Yibin Ye
Art Unit	2818
Examiner Name	Not Yet Assigned
Attorney Docket Number	110350-134110

Sheet 5

of

5

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
TL	62	IKEDA, N., et al., "A Novel Logic Compatible Gain Cell with two Transistors and one Capacitor," ULSI R&D Laboratories, LSI Business & Technology Group,	
TL		C.N.C., Sony Corporation, Japan, 2000 Symposium on VLSI Technology Digest of Technical Papers, IEEE, pp. 168-169	

Examiner Signature	Thoyke	Date Considered	12/10/04
--------------------	--------	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
is a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 4

of

5

**Complete if Known**

Application Number	10/749,734
Filing Date	12/30/2003
First Named Inventor	Yibin Ye
Art Unit	2818
Examiner Name	Not Yet Assigned
Attorney Docket Number	110350-134110

## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

[illegible]

**Examiner  
Signature**

Moyle

**Date**  
**Cons**

12/10/04

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

Sheet	3
-------	---

of 5

**Complete if Known**

Application Number	10/749,734
Filing Date	12/30/2003
First Named Inventor	Yibin Ye
Art Unit	2818
Examiner Name	Not Yet Assigned
Attorney Docket Number	110350-134110

## U. S. PATENT DOCUMENTS

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
TL	39	US- 2003/0030466 A1	02/13/2003	Narendra et al.	
TL	40	US- 6,529,045 B2	03/04/2003	Ye et al.	
TL	41	US- 6,545,619 B1	04/08/2003	Segura et al.	
TL	42	US- 6,567,329 B2	05/20/2003	Somasekhar et al.	
TL	43	US- 6,593,799 B2	07/15/2003	De et al.	
TL	44	US- 6,597,223 B2	07/22/2003	Vangal et al.	
TL	45	US- 6,608,786 B2	08/19/2003	Somasekhar et al.	
TL	46	US- 6,653,866 B2	11/25/2003	Narendra et al.	
TL	47	US- 6,701,339 B2	03/02/2004	Vangal et al.	
TL	48	US- 6,707,708 B1	03/16/2004	Alvandpour et al.	
TL	49	US- 6,707,755 B1	03/16/2004	Somasekhar et al.	
TL	50	US- 6,721,222 B2	04/13/2004	Somasekhar et al.	
TL	51	US- 6,724,648 B2	04/20/2004	Khellah et al.	
TL	52	US- 6,724,649 B1	04/20/2004	Ye et al.	
TL	53	US- 6,734,498 B2	05/11/2004	Keshavarzi et al.	
TL	54	US- 6,737,924 B1	05/18/2004	Paillet et al.	
TL	55	US- 6,744,301 B1	06/01/2004	Tschanz et al.	
TL	56	US- 6,757,784 B2	06/29/2004	Lu et al.	
TL	57	US- 6,765,414 B2	07/20/2004	Keshavarzi et al.	

**FOREIGN PATENT DOCUMENTS**

[illegible]

**Examiner  
Signature**

Чочу

Date  
Considered

12/10/04

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 5**Complete if Known**

Application Number	10/749,734
Filing Date	12/30/2003
First Named Inventor	Yibin Ye
Art Unit	2818
Examiner Name	Not Yet Assigned
Attorney Docket Number	110350-134110

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
TL	20	US- 6,329,874 B1	12/11/2001	Ye et al.	///
TL	21	US- 6,351,156 B1	02/26/2002	Hamzaoglu et al.	///
TL	22	US- 6,400,206 B2	06/04/2002	Kim et al.	///
TL	23	US- 2002/0067189 A1	06/06/2002	Ye et al.	///
TL	24	US- 2002/0070781 A1	06/13/2002	Vangal et al.	///
TL	25	US- 6,411,156 B1	06/25/2002	Borkar	///
TL	26	US- 6,421,269 B1	07/16/2002	Somasekhar et al.	///
TL	27	US- 6,421,289 B1	07/16/2002	Lu et al.	///
TL	28	US- 6,459,316 B1	10/01/2002	Vangal et al.	///
TL	29	US- 6,486,706 B2	11/26/2002	Ye et al.	///
TL	30	US- 2002/0175726 A1	11/28/2002	Vangal et al.	///
TL	31	US- 2002/0184285 A1	12/05/2002	Pangal et al.	///
TL	32	US- 6,492,837 B1	12/10/2002	Narendra et al.	///
TL	33	US- 6,496,040 B1	12/17/2002	Narendra et al.	///
TL	34	US- 6,496,402 B1	12/17/2002	Somasekhar et al.	///
TL	35	US- 2002/0194240 A1	12/19/2002	Pangal et al.	///
TL	36	US- 6,509,772 B1	01/21/2003	Ye et al.	///
TL	37	US- 6,515,513 B2	02/04/2003	Ye et al.	///
TL	38	US- 6,519,176 B1	02/11/2003	Hamzaoglu et al.	///

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> -Number <sup>4</sup> -Kind Code <sup>4</sup> (if known)				

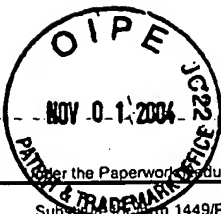
Examiner  
Signature*Choyu*Date  
Considered

12/10/04

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006; OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

(Use as many sheets as necessary)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of

5

**Complete if Known**

Application Number	10/749,734
Filing Date	12/30/2003
First Named Inventor	Yibin Ye
Art Unit	2818
Examiner Name	Not Yet Assigned
Attorney Docket Number	110350-134110

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
TL	1	US- 5,122,986	06/16/1992	Lim	
TL	2	US- 5,838,203	11/17/1998	Stamoulis et al.	
TL	3	US- 5,943,270	08/24/1999	Borkar	
TL	4	US- 5,986,473	11/16/1999	Krishnamurthy et al.	
TL	5	US- 6,002,272	12/14/1999	Somasekhar et al.	
TL	6	US- 6,014,041	01/11/2000	Somasekhar et al.	
TL	7	US- 6,100,751	08/08/2000	De et al.	
TL	8	US- 6,154,045	11/28/2000	Ye et al.	
TL	9	US- 6,169,419 B1	01/02/2001	De et al.	
TL	10	US- 6,181,608 B1	01/30/2001	Keshavarzi et al.	
TL	11	US- 6,191,606 B1	02/20/2001	Ye et al.	
TL	12	US- 6,218,892 B1	04/17/2001	Soumyanath et al.	
TL	13	US- 6,218,895 B1	04/17/2001	De et al.	
TL	14	US- 6,232,827 B1	05/15/2001	De et al.	
TL	15	US- 6,272,666 B1	08/07/2001	Borkar et al.	
TL	16	US- 2001/0011917 A1	08/09/2001	Kim et al.	
TL	17	US- 6,275,071 B1	08/14/2001	Ye et al.	
TL	18	US- 6,300,819 B1	10/09/2001	De et al.	
TL	19	US- 6,316,960 B2	11/13/2001	Ye	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

12/10/04

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.